

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1596	252/511.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/12/19 13:41
L3	86	252/511.ccls. and EMI	US-PGPUB; USPAT	ADJ	ON	2007/12/19 13:41
L4	17	252/511.ccls. and EMI and filter	US-PGPUB; USPAT	ADJ	ON	2007/12/19 13:41
L6	4	(428/307.7).ccls. and EMI and filter	US-PGPUB; USPAT	ADJ	ON	2007/12/19 13:43
L7	4	(428/307.7).ccls. and EMI	US-PGPUB; USPAT	ADJ	ON	2007/12/19 13:42
L10	0	(174/35).ccls.	US-PGPUB; USPAT	ADJ	ON	2007/12/19 13:43
L11	189	(174/382).ccls.	US-PGPUB; USPAT	ADJ	ON	2007/12/19 13:43
L12	8	(174/382).ccls. and emi and filter	US-PGPUB; USPAT	ADJ	ON	2007/12/19 13:43
L13	1	(428/331).ccls. and EMI and filter	US-PGPUB; USPAT	ADJ	ON	2007/12/19 13:44
L14	9	(428/331).ccls. and EMI	US-PGPUB; USPAT	ADJ	ON	2007/12/19 13:44
L15	0	(55/385.2).ccls. and EMI5431974	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 13:54
L16	5	(55/385.3).ccls. and EMI	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 13:53
L17	1	(55/385.2).ccls. and EMI	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 14:02
L18	1	(electromagnetic energy absorptive characteristics).clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 14:03
L19	2	(underwriters laboratories standard "94").clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 14:04
L20	0	(forcing the electically absorptive solution into the interior of the substrate).clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 14:05
L21	0	(spraying the electrically absorptive solution).clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 14:06
L22	0	(electrically absorptive solution is preferably less than 25%).clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 14:06

## EAST Search History

L23	0	(particulate form suspended in a binding agent).clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 14:06
S1	5384	(electromagnetic near5 filter)	US-PGPUB; USPAT	ADJ	ON	2007/07/18 09:10
S2	15	(electromagnetic near5 filter) and (porous substrate)	US-PGPUB; USPAT	ADJ	ON	2007/07/17 10:14
S3	0	("2006/0150599").URPN.	USPAT	OR	OFF	2007/07/12 14:51
S4	822	(electromagnetic near5 filter) and carbon	US-PGPUB; USPAT	ADJ	ON	2007/07/12 14:53
S5	3	(electromagnetic near5 filter) and (carbon with grid)	US-PGPUB; USPAT	ADJ	ON	2007/07/12 14:54
S6	29	(porous substrate with filter) and electromagnetic	US-PGPUB; USPAT	ADJ	ON	2007/07/12 14:59
S7	49	"4408255"	US-PGPUB; USPAT	ADJ	ON	2007/07/17 10:16
S8	20	"5689275"	US-PGPUB; USPAT	ADJ	ON	2007/07/17 10:16
S9	12	"5617095"	US-PGPUB; USPAT	ADJ	ON	2007/07/17 10:16
S10	26	"5428506"	US-PGPUB; USPAT	ADJ	ON	2007/07/12 15:47
S11	186	air filter and porous substrate	US-PGPUB; USPAT	ADJ	ON	2007/07/16 09:44
S12	505	air filter and polyurethane foam	US-PGPUB; USPAT	ADJ	ON	2007/07/12 15:48
S13	0	(air filter and polyurethane foam) and electromagnetic	US-PGPUB; USPAT	ADJ	ON	2007/07/12 15:49
S14	0	(filter and polyurethane foam) and electromagnetic	US-PGPUB; USPAT	ADJ	ON	2007/07/12 15:49
S15	32	(air filter and polyurethane foam) and electromagnetic	US-PGPUB; USPAT	ADJ	ON	2007/07/12 16:15
S16	1850	EMI filters	US-PGPUB; USPAT	ADJ	ON	2007/07/12 16:15
S17	7	(EMI filters) and (polyurethane foam)	US-PGPUB; USPAT	ADJ	ON	2007/07/12 16:17
S18	11	(EMI filters) and (porous substrate)	US-PGPUB; USPAT	ADJ	ON	2007/07/16 08:49
S19	0	(EMI filters) and fire retardent	US-PGPUB; USPAT	ADJ	ON	2007/07/16 08:49
S20	1	(EMI filters) and fire retardant	US-PGPUB; USPAT	ADJ	ON	2007/07/16 08:49
S21	9	(EMI near2 filters) and fire retardant	US-PGPUB; USPAT	ADJ	ON	2007/12/19 09:58

## EAST Search History

S22	18	("3231663"   "3580981"   "5082734"   "5275861"   "5489489"   "5910639"   "6018125"   "6211458"   "6252161"   "6426459"   "6610922"   "6646197").PN. OR ("6870092").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/16 08:55
S23	178	(EMI near2 filter) and carbon	US-PGPUB; USPAT	ADJ	ON	2007/07/16 09:45
S24	2	(EMI near2 filter) and carbon same silica	US-PGPUB; USPAT	ADJ	ON	2007/07/16 09:45
S25	315	(EMI near2 filter) and adhesive	US-PGPUB; USPAT	ADJ	ON	2007/07/16 09:49
S26	60	(EMI near2 filter) and adhesive and rubber	US-PGPUB; USPAT	ADJ	ON	2007/07/16 10:06
S27	1	(EMI near2 filter) and electrical near2 absorber	US-PGPUB; USPAT	ADJ	ON	2007/07/16 10:07
S28	10	(EMI near2 filter) and electrical near2 absorb\$4	US-PGPUB; USPAT	ADJ	ON	2007/07/16 10:10
S29	45	(EMI near2 filter) and absorbing material	US-PGPUB; USPAT	ADJ	ON	2007/07/16 11:02
S30	6	("3982058"   "5639989"   "5703761"   "5704117"   "6377475"   "6744640").PN. OR ("7129422").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/16 10:18
S31	12	"5703761"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/16 10:19
S32	5	"5703761" and carbon	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/16 10:28
S33	3	"6704117"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/16 10:28
S34	21	"5704117"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/16 10:29
S35	6	"5704117" and carbon	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/16 10:42
S36	6	"5704117" and carbon and EMI	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/16 10:44
S37	0	5377475I	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/16 10:44

## EAST Search History

S38	10	"5377475"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/16 10:44
S39	855496	"5377475" B1	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/16 10:44
S40	2	"5377475" B1	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/16 10:45
S41	5	"6377475" B1	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/16 10:45
S42	2	"6377475" B1 and carbon	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/16 10:45
S43	1	"6377475" B1 and absorb\$4	US-PGPUB; USPAT; USOCR	AND	ON	2007/07/16 10:46
S44	0	(EMI near2 filter) and sappire	US-PGPUB; USPAT	ADJ	ON	2007/07/16 10:48
S45	21	(EMI near2 filter) and sapphire	US-PGPUB; USPAT	ADJ	ON	2007/07/16 10:57
S46	27	"6,225,876"	US-PGPUB; USPAT	ADJ	ON	2007/07/16 10:50
S47	39	(EMI near2 filter) and silica	US-PGPUB; USPAT	ADJ	ON	2007/07/16 10:58
S48	6	(EMI near2 filter) and absorbing material and silica	US-PGPUB; USPAT	ADJ	ON	2007/07/16 11:03
S49	0	(EMI near2 filter) and absorbing material and sappfire	US-PGPUB; USPAT	ADJ	ON	2007/07/16 11:03
S50	1	(EMI near2 filter) and absorbing material and sapphire	US-PGPUB; USPAT	ADJ	ON	2007/07/16 11:03
S51	6	(EMI near2 filter) and absorbing material and alumina	US-PGPUB; USPAT	ADJ	ON	2007/07/16 11:03
S52	17	(EMI near2 filter) and absorbing material and carbon	US-PGPUB; USPAT	ADJ	ON	2007/07/16 11:04
S53	22	"4408255" and (carbon OR ferrite OR iron OR iron silicide OR graphite OR titanium dioxide OR sapphire OR silical OR alumina)	US-PGPUB; USPAT	ADJ	ON	2007/07/16 11:10
S54	11	"5617095" and (carbon OR ferrite OR iron OR iron silicide OR graphite OR titanium dioxide OR sapphire OR silical OR alumina)	US-PGPUB; USPAT	ADJ	ON	2007/07/16 11:10

## EAST Search History

S55	16	("20020029893"   "4408255"   "5170009"   "5428506"   "5539148"   "5617095"   "5639989"   "5689275"   "5841067"   "5864088"   "5938979"   "6243274"   "6416830"   "6455771"   "6545212"   "6607308").PN. OR ("7135643").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/16 11:13
S56	16	"5151222"	US-PGPUB; USPAT	ADJ	ON	2007/07/17 10:59
S57	17	"5151222"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/17 10:33
S58	0	"5151222" and fiber glass	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/17 10:15
S59	2	"5151222" and mat	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/17 10:15
S60	1	"4408255" and fiber glass	US-PGPUB; USPAT	ADJ	ON	2007/07/17 10:17
S61	0	"5689275" and fiber glass	US-PGPUB; USPAT	ADJ	ON	2007/07/17 10:17
S62	0	"5617095" and fiber glass	US-PGPUB; USPAT	ADJ	ON	2007/07/17 10:16
S63	2	"5617095" and mat	US-PGPUB; USPAT	ADJ	ON	2007/07/17 10:16
S64	1	"5689275" and mat	US-PGPUB; USPAT	ADJ	ON	2007/07/17 10:17
S65	6	"4408255" and mat	US-PGPUB; USPAT	ADJ	ON	2007/07/17 10:17
S66	138	substrate and (fiber with mat) and EMI	US-PGPUB; USPAT	ADJ	ON	2007/07/17 10:23
S67	1	"5151222" and underwriters	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/17 10:31
S68	9	"5151222" and filter	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/17 10:34
S69	9	"5151222" and air	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/07/17 10:34
S70	4	"5151222" and ppi	US-PGPUB; USPAT	ADJ	ON	2007/07/17 11:33
S71	0	2005/0132885 and air	US-PGPUB; USPAT	ADJ	ON	2007/07/17 11:33

## EAST Search History

S72	1	"20050132885" and air	US-PGPUB; USPAT	ADJ	ON	2007/07/17 13:20
S73	5750	Underwriters Laboratories	US-PGPUB; USPAT	ADJ	ON	2007/07/17 13:20
S74	22	Underwriters Laboratories Standard "94"	US-PGPUB; USPAT	ADJ	ON	2007/07/17 13:34
S75	69	honeycomb same EMI	US-PGPUB; USPAT	ADJ	ON	2007/07/17 17:07
S76	47	honeycomb same EMI and filter	US-PGPUB; USPAT	ADJ	ON	2007/07/17 13:34
S77	41	honeycomb same EMI and layer	US-PGPUB; USPAT	ADJ	ON	2007/07/17 17:10
S78	32	honeycomb same EMI and layer and filter	US-PGPUB; USPAT	ADJ	ON	2007/07/18 08:06
S79	2	honeycomb same EMI and non-woven polyester web	US-PGPUB; USPAT	ADJ	ON	2007/07/18 08:52
S80	0	honeycomb same EMI and nremoving excess	US-PGPUB; USPAT	ADJ	ON	2007/07/18 08:52
S81	1	honeycomb same EMI and removing excess	US-PGPUB; USPAT	ADJ	ON	2007/07/18 08:53
S82	23	EMI and (removing excess same solution)	US-PGPUB; USPAT	ADJ	ON	2007/07/18 08:54
S83	8	EMI and (removing excess same coat\$4)	US-PGPUB; USPAT	ADJ	ON	2007/07/18 08:58
S84	1	EMI and (removing excess same immers\$4)	US-PGPUB; USPAT	ADJ	ON	2007/07/18 08:58
S85	2	EMI and (removing excess same spray\$4)	US-PGPUB; USPAT	ADJ	ON	2007/07/18 08:58
S86	6	(electromagnetic near5 filter) and (removing excess)	US-PGPUB; USPAT	ADJ	ON	2007/07/18 09:18
S87	3	(EMI near5 filter) and (removing excess)	US-PGPUB; USPAT	ADJ	ON	2007/07/18 09:18
S88	1	(remov\$4 near4 absorptive solution) and emi with filter	US-PGPUB; USPAT	ADJ	ON	2007/07/18 09:19
S89	0	(remov\$4 near4 (electic\$4 with absorptive) ) and emi with filter	US-PGPUB; USPAT	ADJ	ON	2007/07/18 09:20
S90	884	EMI with coating	US-PGPUB; USPAT	ADJ	ON	2007/07/18 09:20
S91	4	"6680847"	US-PGPUB; USPAT	ADJ	ON	2007/07/18 11:22
S92	0	"6680847" and honeycombe	US-PGPUB; USPAT	ADJ	ON	2007/07/18 11:23
S93	2	"6680847" and honeycomb	US-PGPUB; USPAT	ADJ	ON	2007/07/18 11:24

## EAST Search History

S94	2	aluminium honeycomb filter and emi	US-PGPUB; USPAT	ADJ	ON	2007/07/18 14:41
S95	1	"7135643" and frame	US-PGPUB; USPAT	ADJ	ON	2007/07/18 15:15
S96	1252	55/524.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/07/18 15:24
S97	11	55/524.ccls. and EMI	US-PGPUB; USPAT	ADJ	ON	2007/07/18 15:24
S98	22	55/524.ccls. and removing excess	US-PGPUB; USPAT	ADJ	ON	2007/07/18 15:34
S99	1	55/524.ccls. and removing excess and emi	US-PGPUB; USPAT	ADJ	ON	2007/07/18 15:24
S100	7	55/524.ccls. and EMI and vacuum	US-PGPUB; USPAT	ADJ	ON	2007/07/18 15:25
S101	0	55/524.ccls. and EMI and unifor distribution	US-PGPUB; USPAT	ADJ	ON	2007/07/18 15:34
S102	1	55/524.ccls. and EMI and uniform distribution	US-PGPUB; USPAT	ADJ	ON	2007/07/18 15:34
S103	9	EMI and uniform distribution same excess	US-PGPUB; USPAT	ADJ	ON	2007/07/18 15:45
S104	7	EMI and uniform distribution same excess and vacuum filtration	US-PGPUB; USPAT	ADJ	ON	2007/07/18 15:47
S105	3509	EMI and vacuum	US-PGPUB; USPAT	ADJ	ON	2007/07/18 15:47
S106	229	EMI near3 filter and vacuum	US-PGPUB; USPAT	ADJ	ON	2007/07/18 15:48
S107	35	EMI near3 filter and vacuum and (porous OR porous substrate)	US-PGPUB; USPAT	ADJ	ON	2007/07/18 15:48
S108	12	EMI and air flow characteristics	US-PGPUB; USPAT	ADJ	ON	2007/07/19 07:39
S109	7	"5506047"	US-PGPUB; USPAT	ADJ	ON	2007/12/19 09:58
S110	12	("3953566"   "4187390"   "4255384"   "4557957"   "4720400"   "5116650").PN. OR ("5506047"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 10:09
S111	2	((("3953566"   "4187390"   "4255384"   "4557957"   "4720400"   "5116650").PN. OR ("5506047"). URPN.) and emi	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 11:47
S112	18	"5151222"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 10:46

## EAST Search History

S11 3	15	("3661597"   "3728137"   "3765936"   "3877965"   "4061802"   "4503131"   "4520046"   "4592929"   "5120578"   "5151222").PN. OR ("6395402"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 10:12
S11 4	13	55/524.ccls. and EMI	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 10:52
S11 5	25	55/528.ccls. and EMI	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 10:49
S11 6	2	427/304.ccls. and EMI with filter	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 10:52
S11 7	100	427/304.ccls. and filter	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 10:52
S11 8	0	55/385.ccls. and EMI	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 11:47
S11 9	10	(55/385.1).ccls. and EMI	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 11:48
S12 0	4	(55/385.7).ccls. and EMI	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 11:48
S12 1	0	(55/385.7).ccls. and EMI5431974	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 13:53
S12 2	22	"5431974"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 11:49
S12 3	16	(428/304.4).ccls. and EMI	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 11:49
S12 4	23	("4863499"   "4889542").PN. OR ("5431974").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/12/19 11:50